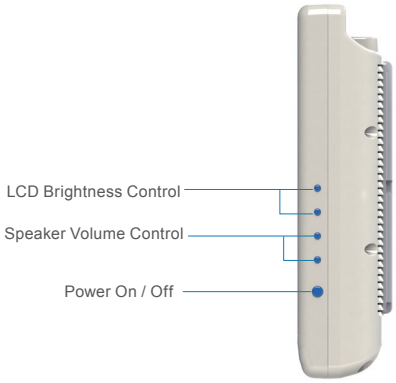
Fanless Slim Panel HIT Solution

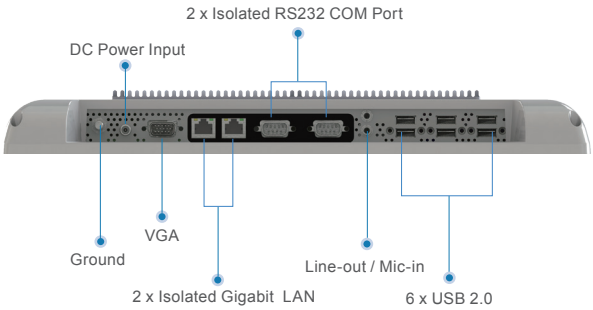
ONYX-1521

15.6" Atom Dual Core Slim Medical Panel PC

Features

- Intel® Atom™ D525 1.8GHz Dual Core Processor
- 15.6" 300 nits LCD with LED backlight
- 5-wire Resistive Touch Screen
- COM / LAN Medical 4KV Isolation
- 802.11 b/g/n Wireless LAN (optional)
- +12V to +24V Wide Range DC input
- CE/FCC Class B, EN/UL60601-1 Medical Certification





Specifications

Main Specifications

Processor	Intel® Atom™ D525 1.8GHz Dual Core Processor
System Memory	Supports DDR3 SODIMM up to 4GB
Chipset	ICH8M
OS Support	Windows® XP, Windows® 7, Linux®
Expansion Interface	Mini Card x 2
Storage Disk Drive	2.5" SATA Hard Disk Drive/SSD x 1
Wireless Communication	802.11b/g/n(optional), Bluetooth 4.0 (optional)
Speaker	3W x 2
Power Requirement	DC 12~24V

Display

Size	15.6"
Resolution	1366 x 768
Max. Colors	16.7M
Luminance	300 nits
View Angle	170˚(H)/160˚(V)
Contrast Ratio	500:1
Back Light Life Time	50,000 Hours
Touch Screen	5-wire Resistive/ 35 million activities

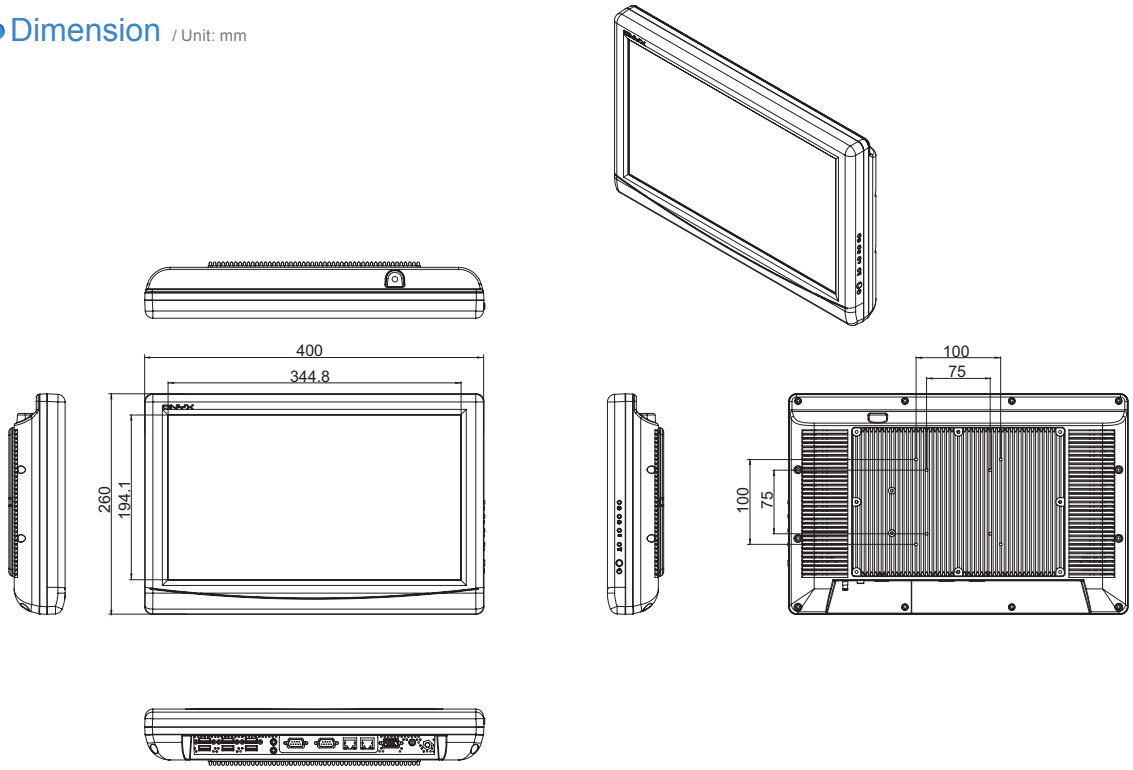
I/O

USB	USB 2.0 x 6
Serial Port	4KV Isolated RS-232 x 2
Ethernet	4KV Isolated Gigabit LAN x 2
Video Out	VGA x 1
Audio	Mic-in, Line-out

Mechanical and Environmental

Power Consumption	Full loading:38 Watts
Operating Temperature	0°C ~ 40°C(32°F ~ 104°F)
Storage Temperature	-20°C ~ 60°C(-4°F ~ 140°F)
Mounting	VESA 75/100 mm
Net Weight	9.5 lb (4.3 kg)
Certifications	CE, FCC Class B Passed 18, cULus Mark/UL+VTC Report+ISO 14971 (CAN/CSA-C22.2NOo.60601-1-08;ANSI/AAMI ES60601-1:2005, EC 60601-1-1:2005, EN 60601-1:2006 ISO 14971)

Dimension / Unit: mm



Ordering Information

» ONYX-1521DTT-A1-1010
Slim Medical Panel PC, 15.6" LCD, Intel D525 1.8GHz, 2GB RAM, DC 12-24V, Touch Screen

Optional Accessories

» TF-PER-M96
Medical Power Adapter, 70W, 24V

» OPM-C02W-A0
Mini Card WLAN Kit, IEEE 802.11a/b/g/n

» OPM-CO3W-A0
Mini Card WLAN Kit, IEEE 802.11b/g/n + Bluetooth 4.0

» TF-OPM-H02S-A0/A1
Desktop Stand with VESA 75/100